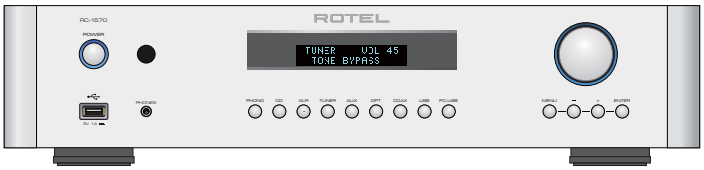
ROTEL®



RC-1570

Stereo Control Amplifier

Owner's Manual

Important Safety Instructions

Notice

The COMPUTER I/O connection should be handled by authorized persons only.

WARNING: There are no user serviceable parts inside. Refer all servicing to qualified service personnel.

WARNING: To reduce the risk of fire or electric shock, do not expose the unit to moisture or water. Do not expose the unit to dripping or splashing. Do not place objects filled with liquids, such as vases, on the unit. Do not allow foreign objects to get into the enclosure. If the unit is exposed to moisture, or a foreign object gets into the enclosure, immediately disconnect the power cord from the wall. Take the unit to a qualified service person for inspection and necessary repairs.

Read all the instructions before connecting or operating the component.

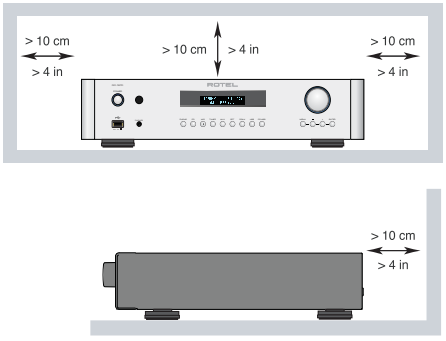
Keep this manual so you can refer to these safety instructions.

Heed all warnings and safety information in these instructions and on the product itself. Follow all operating instructions.

Clean the enclosure only with a dry cloth or a vacuum cleaner.

Do not use this unit near water.

You must allow a minimum 10 cm or 4 inches of unobstructed clearance around the unit.



Do not place the unit on a bed, sofa, rug, or similar surface that could block the ventilation openings. If the unit is placed in a bookcase or cabinet, there must be ventilation of the cabinet to allow proper cooling.

Keep the component away from radiators, heat registers, stoves, or any other appliance that produces heat.

WARNING: The rear panel power cord connector is the mains power disconnect device. The apparatus must be located in an open area that allows access to the cord connector.

The unit must be connected to a power supply only of the type and voltage specified on the rear panel. (USA: 120 V/60Hz, EC: 230V/50Hz)

Connect the component to the power outlet only with the supplied power supply cable or an exact equivalent. Do not modify the supplied cable. A polarized plug has two blades, with one wider than the other. A grounding plug has two blades plus a third grounding prong. These are provided for your safety. Do not defeat grounding and/or polarization safety provisions. If the supplied plug does not fit your outlet, please consult an electrician for replacement of the obsolete outlet. Do not use extension cords.

The main plug of the power cordset is a disconnect device of the apparatus. In order to completely disconnect the apparatus from the supply mains, the main plug of the power cordset should be unplugged from the mains (AC) outlet. The standby LED indicator will not be lit up to show the power cord is unplugged. The disconnect device shall remain readily operable.

Do not route the power cord where it will be crushed, pinched, bent, exposed to heat, or damaged in any way. Pay particular attention to the power cord at the plug and where the cord exits the back of the unit.

The power cord should be unplugged from the wall outlet during a lightning storm or if the unit is to be left unused for a long period of time.

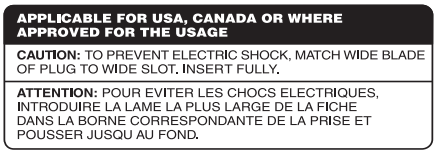
Use only accessories specified by the manufacturer.

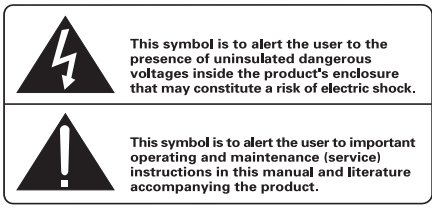
Use only with a cart, stand, rack, bracket or shelf system recommended by Rotel. Use caution when moving the unit in a stand or rack to avoid injury from a tip-over.

Immediately stop using the component and have it inspected and/or serviced by a qualified service agency if:

- The power supply cord or plug has been damaged
- Objects have fallen or liquid has been spilled into the unit
- The unit has been exposed to rain
- The unit shows signs of improper operation
- The unit has been dropped or damaged in any way

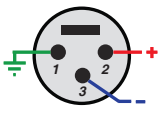
The batteries in the remote control should not be exposed to excessive temperature such as sunshine, fire or other heat sources.





Rotel products are designed to comply with international directives on the Restriction of Hazardous Substances (RoHS) in electrical and electronic equipment and the disposal of Waste Electrical and Electronic Equipment (WEEE). The crossed wheelie bin symbol indicates compliance and that the products must be appropriately recycled or processed in accordance with these directives.

This symbol means that this unit is double insulated. An earth connection is not required.



Pin Assignments

Balanced Audio (3 pole XLR):
Pin 1: Ground / Screen
Pin 2: In phase / +ve / Hot
Pin 3: Out of phase / -ve / Cold

CE

Figure 1: Controls and Connections

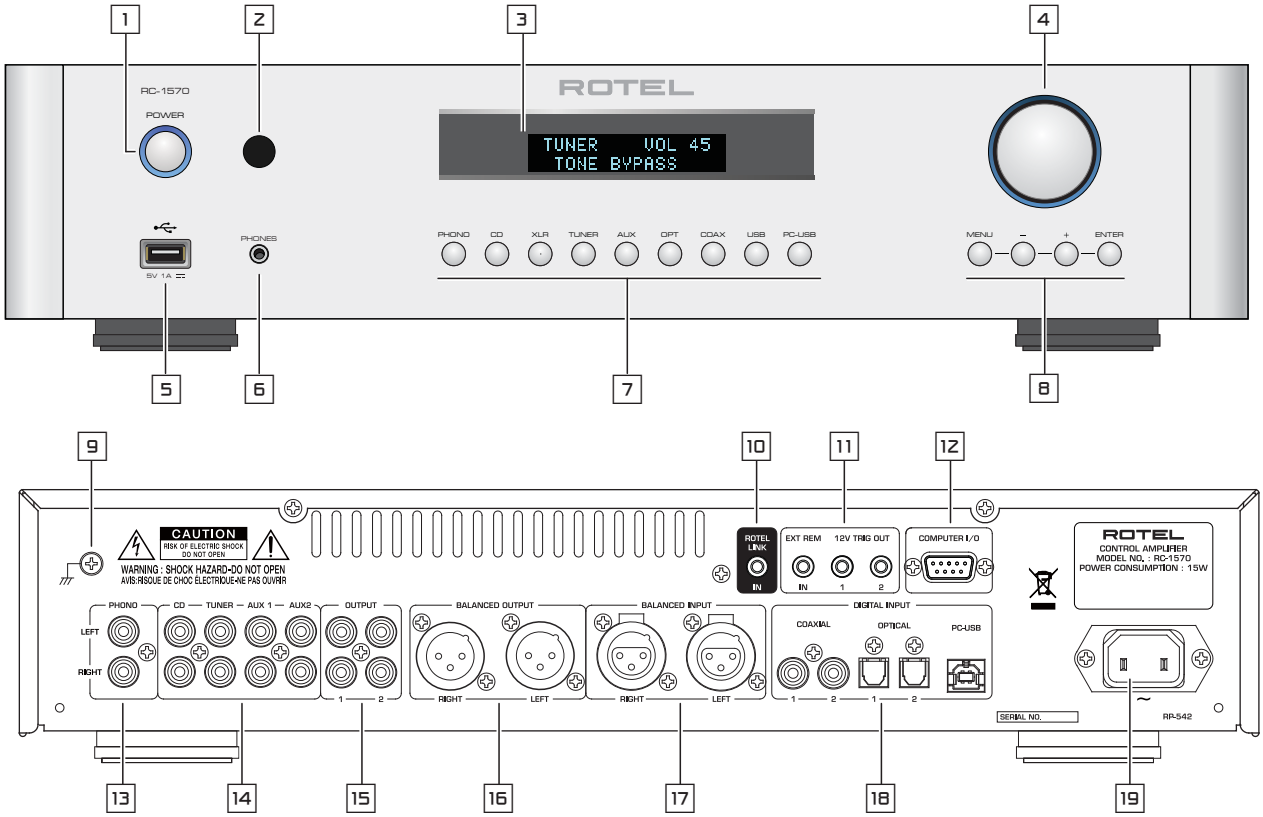


Figure 2: RR-AX92 Remote Control

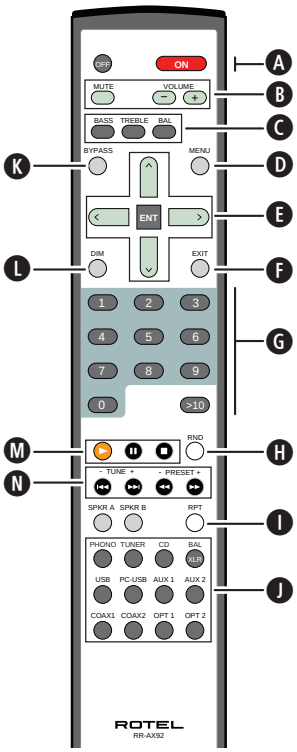


Figure 3: Analog Input and Output Connections

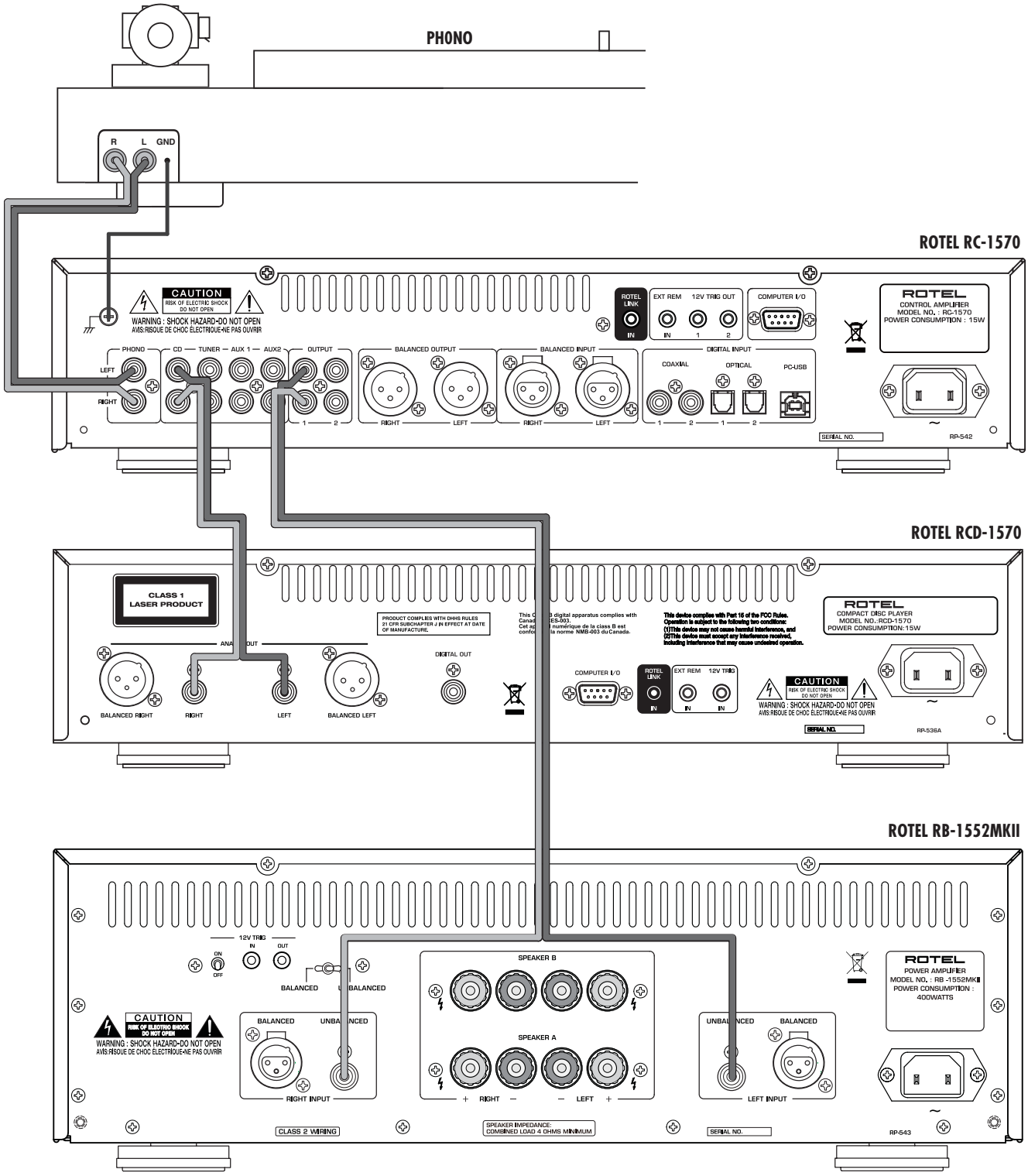


Figure 4: Balanced (XLR) Input and Output Connections

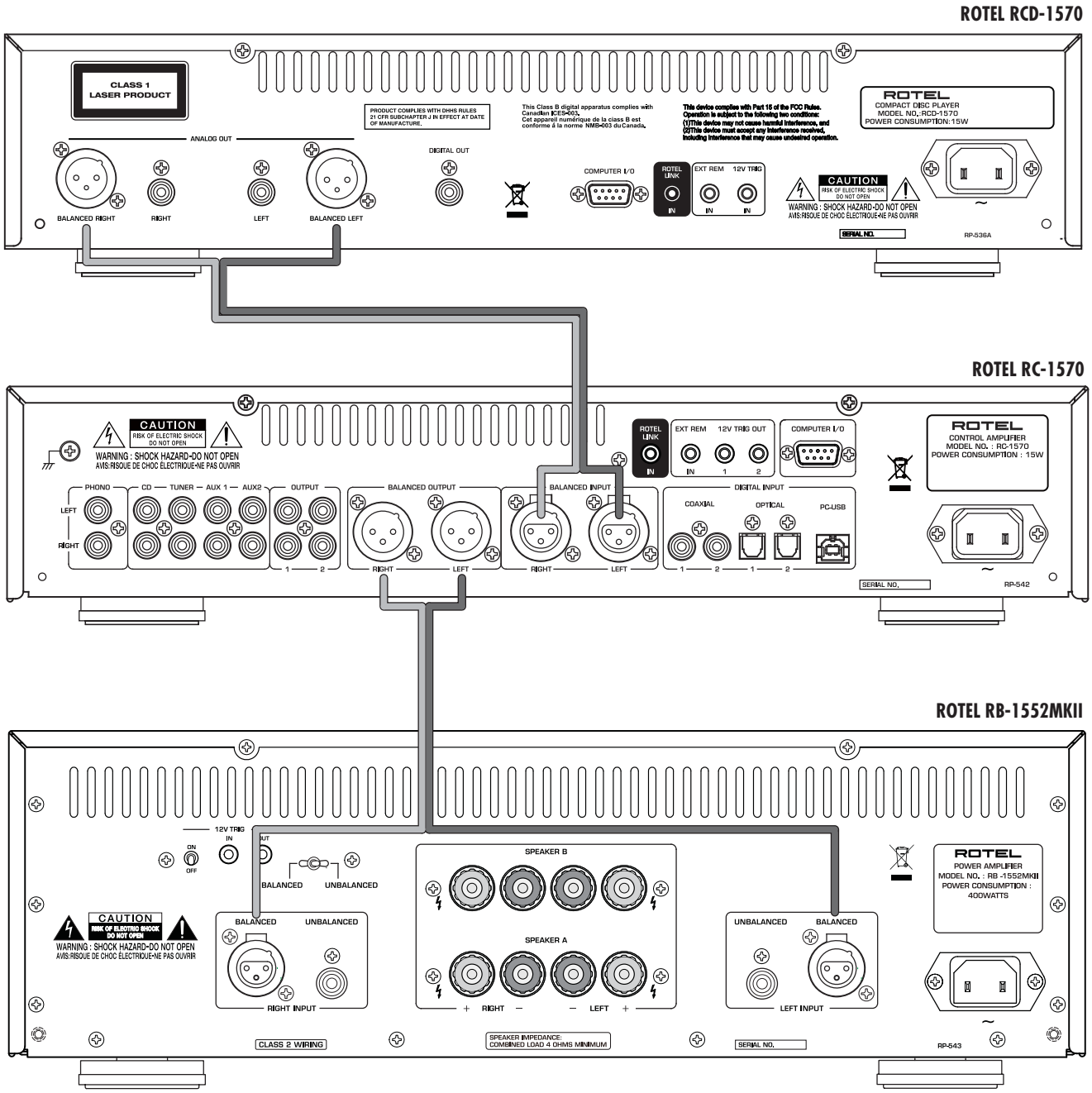


Figure 5: Digital Inputs and 12V Trigger Output

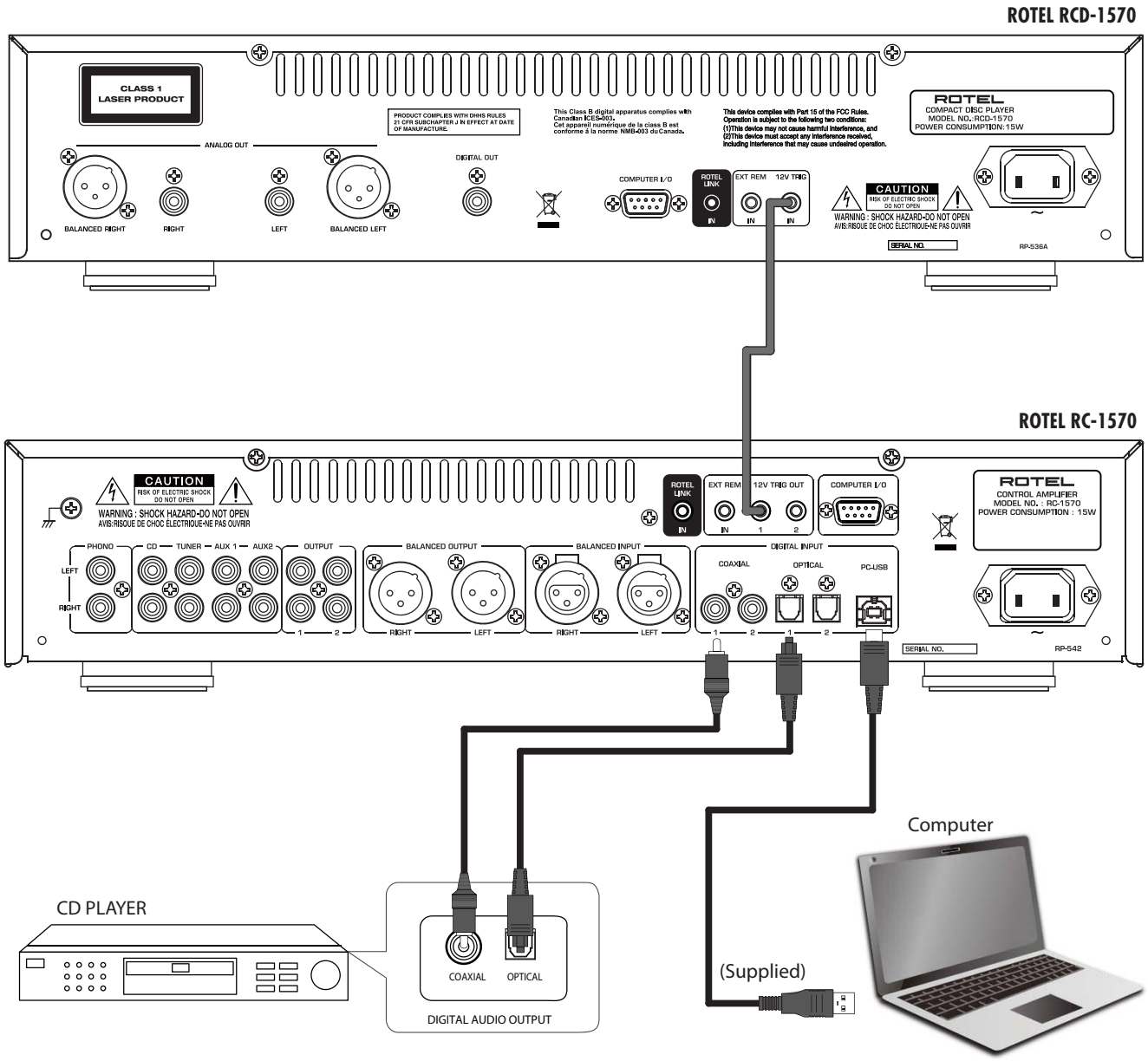
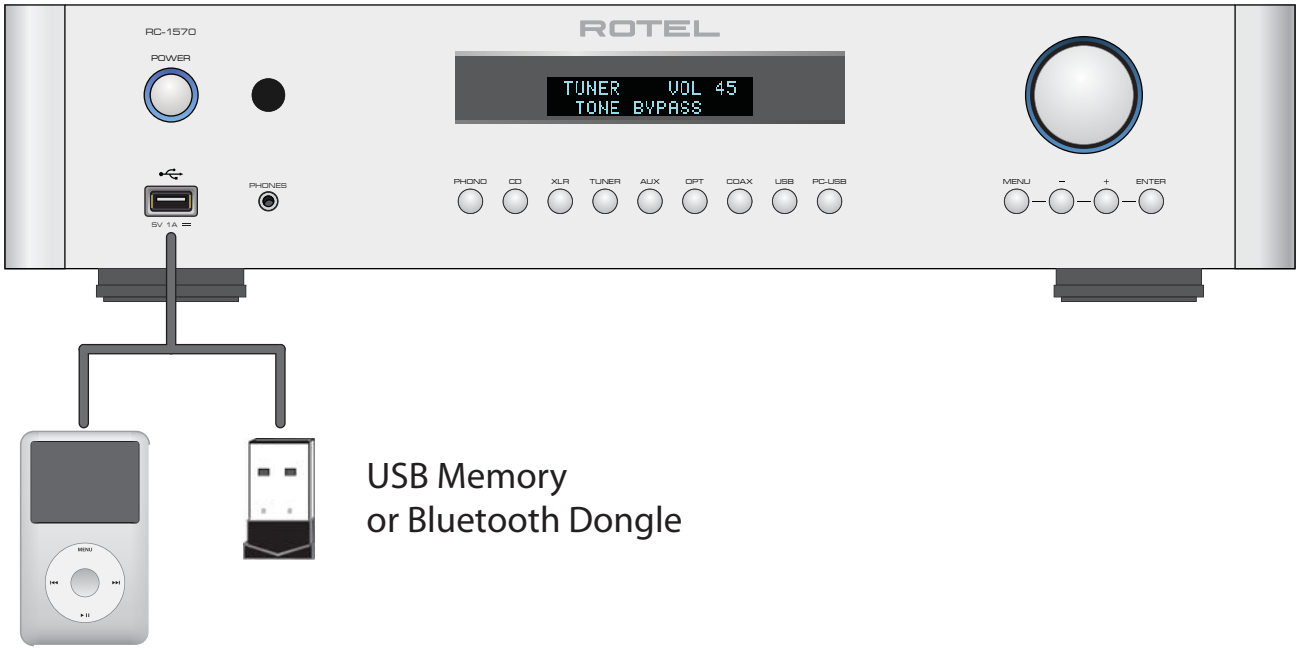


Figure 6: Front USB Input



Important Notes

When making connections be sure to:

✔ Turn off **all** the components in the system **before** hooking up **any** components, including loudspeakers.

✔ Turn off **all** components in the system **before** changing **any** of the connections to the system.

It is also recommended that you:

✔ Turn the volume control of the amplifier all the way down **before** the amplifier is turned **on or off**.

Remarques importantes

Pendant les branchements, assurez-vous que :

✔ **Tous** les maillons sont éteints **avant** leur branchement, **quels qu'ils soient**, y compris les enceintes acoustiques.

✔ Éteignez **tous** les maillons **avant** de modifier **quoi que ce soit** au niveau de leurs branchements, quels qu'ils soient.

Il est également recommandé de :

✔ Toujours baissez le niveau sonore via le contrôle de volume, **avant d'allumer ou d'éteindre** l'amplificateur.

Wichtige Hinweise

Achten Sie beim Herstellen der Verbindungen auf Folgendes:

✔ Schalten Sie **alle** Komponenten im System ab, **bevor** Sie Geräte (einschließlich Lautsprecher) anschließen.

✔ Schalten Sie **alle** Komponenten im System ab, **bevor** Sie Anschlüsse im System verändern.

Ferner empfehlen wir, dass

✔ Sie die Lautstärke herunterdrehen, **bevor** Sie die Endstufe **ein-** oder **ab**schalten.

Notas Importantes

Cuando realice las conexiones, asegúrese de que:

✔ Desactiva **todos** los componentes del equipo, cajas acústicas incluidas, **antes** de conectar **cualquier nuevo componente** en el mismo.

✔ Desactiva **todos** los componentes del equipo **antes** de cambiar **cualquier conexión del mismo**.

También le recomendamos que:

✔ Reduzca el nivel de volumen de su amplificador a cero **antes** de **activarlo o desactivarlo**.

Héél belangrijk:

Bij het maken van de verbindingen:

✔ Zorg dat niet alleen de RC-1570, maar de **gehele** installatie uitstaat, als nog niet **alle** verbindingen gemaakt zijn.

✔ Zorg dat niet alleen de RC-1570, maar de **gehele** installatie ook uitstaat, **als** u verbindingen gaat **wijzigen**.

Wij raden u ook aan om

✔ de volumeregelaar van de voorversterker geheel dicht te draaien (volkomen naar links) **wanneer** u uw eindversterker **aan- of uitzet**.

Note importanti

Quando effettuate i collegamenti assicuratevi di:

✔ Spegnere **tutti** i componenti del sistema **prima** di collegare **qualsiasi** componente, inclusi i diffusori.

✔ Spegnere **tutti** i componenti del sistema **prima** di modificare **qualsiasi** connessione nel sistema.

Vi raccomandiamo inoltre di:

✔ Portare il volume a zero **prima** di **accendere o spegnere** l'amplificatore.

Viktigt

Tänk på följande när du gör anslutningar:

✔ Stäng av **alla** komponenter i anläggningen **innan** du ansluter nya komponenter, inklusive högtalare.

✔ Stäng av **alla** komponenter i anläggningen **innan** du ändrar någon anslutning **i anläggningen**.

Vi rekommenderar också att du

✔ Vrider ner volymen på förstärkaren helt och hållet **innan** förstärkaren stängs av eller sätts på.

Перед подсоединением:

✔ Выключите **все** компоненты, включая колонки.

✔ Выключите **все** компоненты в вашей системе, прежде чем что-то в ней **менять**.

Рекомендуется также:

✔ Вывести громкость усилителя на **минимум**, перед тем как **включать или выключать** его.

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About Rotel

Our story began over 50 years ago. Over the decades, we have received hundreds of awards for our products and satisfied hundreds of thousands of people who take their entertainment seriously - like you!

Rotel was founded by a family whose passionate interest in music led them to manufacture high-fidelity components of uncompromising quality. Through the years, that passion has remained undiminished and the family goal of providing exceptional value for audiophiles and music lovers, regardless of their budget, is shared by all Rotel employees.

Rotel's engineers work as a close team, listening to, and fine tuning, each new product until it reaches their exacting musical standards. They are free to choose components from around the world in order to make that product the best they can. You are likely to find capacitors from the United Kingdom and Germany, semiconductors from Japan or the United States, while toroidal power transformers are manufactured in Rotel's own factory.

We all have concerns about our environment. And, as more and more electronics are produced and later discarded, it is especially important for a manufacturer to do all it can to engineer products that have a minimum negative impact on landfill sites and water tables.

At Rotel, we are proud to do our part. We have reduced the lead content in our electronics by using special ROHS solder, while our new Class D (not digital) amplifiers are up to five times more efficient than our legacy designs and still deliver power and performance. These products run cool, give minimum wasted energy, are good for the environment and give better sound too.

Finally, we have printed this manual on recycled paper stock.

While we understand that these are small first steps, they are still important ones. And we continue to pursue new methods and materials for a cleaner and greener manufacturing process.

All of us at Rotel thank you for buying this product. We are sure it will bring you many years of enjoyment.

Getting Started

Thank you for purchasing the Rotel RC-1570 Stereo Control Amplifier. When used in a high-quality music audio system, your Rotel product will provide years of musical enjoyment.

The RC-1570 is a full featured, high performance component. All aspects of the design have been optimized to retain the full dynamic range and subtle nuances of your music. The RC-1570 has a highly regulated power supply incorporating a Rotel custom-designed toroidal power transformer and custom-made slit foil capacitors. This low impedance power supply has ample power reserves, which enables the RC-1570 to easily reproduce the most demanding audio signals. This type of design is more expensive to manufacture, but it is better for the music.

The printed circuit boards (PCB) are designed with Symmetrical Circuit Traces. This insures that the precise timing of the music is maintained and faithfully recreated. The RC-1570 circuitry uses metal film resistors and polystyrene or polypropylene capacitors in important signal paths. All aspects of this design have been examined to ensure the most faithful music reproduction.

The main functions of the RC-1570 are easy to install and use. If you have experience with other stereo systems, you shouldn't find anything perplexing. Simply plug in the associated components and enjoy.

A Few Precautions

WARNING: *To avoid potential damage to your system, turn off ALL the components in the system when connecting or disconnecting the loudspeakers or any associated components. Do not turn the system components back on until you are sure all the connections are correct and secure. Pay particular attention to the speaker wires. There must be no loose strands that could contact the other speaker wires, or the chassis of the amplifier.*

Please read this manual carefully. In addition to basic installation and operating instructions, it provides valuable information on various RC-1570 system configurations as well as general information that will help you get optimum performance from your system. Please contact your authorized Rotel dealer for answers to any questions you might have. In addition, all of us at Rotel welcome your questions and comments.

Save the RC-1570 shipping carton and all enclosed packing material for future use. Shipping or moving the RC-1570 in anything other than the original packing material may result in severe damage to your amplifier.

Fill out and send in the owner's registration card packed with the RC-1570. Also be sure to keep the original sales receipt. It is your best record of the date of purchase, which you will need in the event warranty service is ever required.

Placement

Like all audio components that handle low-level signals, the RC-1570 can be affected by its environment. Avoid placing the RC-1570 on top of other components. Also avoid routing audio signal cables near power cords. This will minimize the chance it will pick up hum or interference.

We recommend installing the RC-1570 in furniture designed to house audio components. Such furniture is designed to reduce or suppress vibration which can adversely affect sound quality. Ask your authorized Rotel dealer for advice about component furniture and proper installation of audio components.

The RC-1570 is supplied with an RR-AX92 remote control and must be placed where the infrared signal from the remote can reach the front panel Remote Sensor.

Cables

Be sure to keep the power cords, digital signal cables and regular audio signal cables in your installation away from each other. This will minimize the chance of the regular audio signal cables picking up noise or interference from the power cords or digital cables. Using only high quality, shielded cables will also help to prevent noise or interference from degrading the sound quality of your system. If you have any questions see your authorized Rotel dealer for advice about the best cable to use with your system.

The RR-AX92 Remote Control

Some functions can be done with either the front panel controls, or the supplied RR-AX92 remote control. When these operations are described, the square call out numbers refer to the main unit, while the encircled letters refer to the remote control.

NOTE: *The remote control can be used to operate the basic functions of Rotel tuners and CD players. Remote control keys labeled* Ⓖ Ⓗ Ⓜ Ⓝ *can be used to operate CD or Tuner functions in your system. For the remote to operate properly, make sure both the remote and the CD or Tuner are both in same remote code. For more information please contact your authorized Rotel dealer.*

Remote Control Batteries

Two UM-4/AAA size batteries (supplied) must be installed before the remote control can be used. To install the batteries, remove the cover on the back of the RR-AX92. Install the batteries as shown in the illustration in the battery well. Test the control for proper operation, then replace the cover. When the batteries become weak the remote control won't operate the RC-1570 consistently. Installing fresh batteries should eliminate the problem.

AC Power and Control

AC Power Input [19]

Your RC-1570 is configured at the factory for the proper AC line voltage in the country where you purchased it (either 120 volts AC or 230 volts AC with a line frequency of either 50 Hz or 60 Hz). The AC line configuration is noted on a decal on the back panel.

NOTE: *Should you move your unit to another country, it may be possible to reconfigure it for use on a different line voltage. Do not attempt to perform this conversion yourself. Opening the enclosure of the unit exposes you to dangerous voltages. Consult a qualified service person or the Rotel factory service department for information.*

NOTE: *Some products are intended for sale in more than one country and as such are supplied with more than one AC cord. Please only use the one appropriate for your country/region.*

The RC-1570 should be plugged directly into a 2-pin polarized wall outlet. Do not use an extension cord. A heavy duty multi-tap power outlet strip may be used if it (and the wall outlet) is rated to handle the current demanded by the RC-1570 and all the other components connected to it.

If you are going to be away from home for an extended period of time such as a month long vacation, it is a sensible precaution to unplug the RC-1570 (as well as other audio and video components) while you are away.

POWER Switch and Power Indicator [1]

Press the front panel Power Switch button to turn the unit on. The Power Indicator light is illuminated when the unit is on. Press the Power Switch button again to turn the unit off.

When the power switch is in the ON position, the remote control ON and OFF buttons may be used to activate the RC-1570. In Standby mode the power LED remains lit, but the display is turned OFF.

NOTE: *Place the self adhesive ring over the light surrounding the power switch if the blue light is too bright.*

12V TRIGGER Connection [11]

Some audio components can be turned on automatically when they receive a 12V turn on "signal". The two12V Trigger Outputs on the RC-1570 provide the required signal. Connect compatible components to the RC-1570 with a conventional 3.5mm mini mono plug cable. When the RC-1570 is in

standby mode, the trigger signal is disabled, so the components controlled by it will be turned off.

NOTE: *If you are using other units in the series with Rotel link, please use the Rotel Link connection to turn the units on or off. Do not connect both the Rotel Link and 12V trigger cables. The 12V trigger's power on or off features will override the Rotel Link features.*

Input Signal Connections

See Figure 3

NOTE: *To prevent loud noises that neither you nor your speakers will appreciate, make sure the system is turned off when you make any signal connections.*

Phono Input 13 and Ground Connection (GND) 9

See Figure 3

Plug the cable from the turntable into the appropriate left and right phono inputs. If the turntable has a "ground" wire, connect it to the screw terminal to the left of the Phono inputs. This will help prevent hum and noise.

Line Level Inputs 14

See Figure 3

The CD, Tuner, and Aux inputs of the amplifier are analog "line level" inputs. These inputs are for connecting components such as CD players or other audio playback devices with an analog audio output.

The left and right channels are clearly labeled and should be connected to the corresponding channels of the source component. The Left connectors are white, the Right connectors are red. Use high quality RCA cables for connecting input source components to the RC-1570. Ask your authorized Rotel dealer for advice about cables.

Balanced (XLR) Inputs 17

See Figure 4

A pair of balanced XLR inputs accept audio signals from CD player, Blu-ray player or other source components with XLR outputs.

NOTE: *You should choose only one method of analog connection from a source component to RC-1570. Do not connect both the RCA and XLR outputs of a source component to the RC-1570 at the same time.*

Digital Inputs 18

See Figure 5

There are two sets of digital inputs labeled COAXIAL 1 and 2, OPTICAL 1 and 2. Connect the COAXIAL or OPTICAL PCM outputs of your source component into these sockets. The digital signals will be decoded and played by the RC-1570. The unit is capable of decoding PCM signals up to 24 bit, 192kHZ.

Output Connections

Preamp Output 15

See Figure 3

The RC-1570 RCA-type output connectors are compatible with most power amplifiers. As always, select high quality audio interconnect cables. Connect the left and right channel outputs of the RC-1570 to the corresponding inputs on the preamplifier or other component.

NOTE: *There are two sets of RCA outputs on the RC-1570. The second set of outputs may be used in custom system configurations to drive a second power amplifier or to supply a signal to a special signal processor.*

Balanced (XLR) Preamp Output 16

See Figure 4

A pair of XLR balanced connectors supplies an analog output signal from the RC-1570 to a power amplifier with XLR balanced input connectors.

NOTE: *Do not connect both the RCA and XLR to the same amplifier at the same time.*

Headphone Output 6

The headphone output allows you to connect headphones for private listening. This output accepts a standard 3.5mm (1/8") mini stereo headphone connector. Plugging in a set of headphones does not cut off the signal to the preamp outputs. In most instances you should turn off the power amplifier when listening to headphones.

NOTE: *Because the sensitivity of speakers and headphones can vary widely, always reduce the volume level before connecting or disconnecting headphones.*

Remote Sensor 2

This remote sensor window receives IR commands from the remote control. Please do not block this sensor.

Display 3

The front panel display shows the source selected, volume level and tone settings.

Front USB Input 5

See Figure 6

The front USB input can be connected to an iPod, iPhone, USB flash memory or the Bluetooth dongle (supplied) for wireless streaming. With iPod or iPhones, simply plug the device into the front USB and select USB function from the source selector. The iPod and iPhone remain active allowing search and play functions.

Bluetooth Connection

Insert the supplied Bluetooth Dongle into the front USB of the RC-1570 for wireless streaming via Bluetooth, from your device (i.e. mobile phones). From your mobile device, look for "Rotel Bluetooth" and connect to it. Connection is normally automatic, but if prompted for a password, please press "0000" then enter on your device.

NOTE: *Not all Bluetooth dongles will operate with RC-1570. Please use the one supplied.*

Audio Controls

Volume Control 4 B

Turn the controls clockwise to increase the volume, or counter clockwise to decrease the volume. From the remote control press the volume + or - key to turn the volume up or down. Press the MUTE B key to completely mute the volume.

Balance Control 8 C

The Balance Control adjusts the left-to-right balance of the sound output. The factory default is the center position or "0". To change the balance from the front panel, press the MENU 8 key to toggle the front display to BALANCE SETTING mode. Then press the - or + keys on the front panel to change the value to LEFT or RIGHT. The value can change from L15 to R15.

NOTE: *These settings are saved permanently including after powering off the RC-1570.*

To make temporary changes not saved after power off, from the remote press the BAL C key to access the BALANCE SETTING menu, then press the LEFT or RIGHT E key to adjust. When finished, press the EXIT F key to exit the menu.

Tone Control Bypass 8 K

Bass and Treble Control (Tone Control) circuits are bypassed at factory default to ensure the purest possible sound. The front display will show TONE BYPASS. To turn on the tone control from the front panel, press the MENU 8 key to toggle to the Bypass control then press the LEFT or RIGHT keys to turn bypass on or off.

NOTE: *This setting is saved permanently including after powering off the RC-1570.*

To temporarily changes the Tone Control Bypass, press the BYPASS K key on the remote control to toggle the Bypass mode enabled and disabled.

Bass and Treble Controls 8 C

Set the Bass or Treble controls from the front panel by pressing the MENU 8 key to toggle to either the Bass or Treble Setting menu. Then press the - or + key to adjust the value. The Bass and Treble values range from -10 to +10.

NOTE: *These settings are saved permanently including after powering off the RC-1570.*

To temporarily change the Bass and Treble settings from the remote control, press the Bass or Treble key C, then press the LEFT or RIGHT E keys on the remote to adjust the value.

A properly setup high-performance audio system produces the most natural sound with little or no adjustment of the tone controls. Use these controls sparingly. Be particularly careful when turning the controls up as this increases the power output in the bass or treble range, increasing the load on the amplifier and speakers.

NOTE: *Setting the Bass and Treble controls do not automatically turn on the tone control. To turn on tone control, refer to previous section Tone Control Bypass.*

Dim Control 8 L

To change the brightness of the front display, press the MENU 8 button to toggle to the Display Settings. Then press the - or + keys on the front panel to change the display brightness.

NOTE: *This setting is saved permanently including after powering off the RC-1570.*

To temporarily change the display brightness, press the DIM L key on the remote.

NOTE: *Tone Bypass, Bass, Treble, Balance and dimmer settings are only saved permanently from within the Menu. Adjustments made using the C K L buttons are temporary only and not saved after power off.*

Function Control 7 J

The Function control selects the input signal source. From the front panel or remote press the corresponding input key to select the source to listen to.

NOTE: *Pressing the Aux, Opt and Coax keys on the front panel will toggle between input 1 and input 2.*

Rotel Link 10

This 3.5 mm stereo mini-jack (labeled ROTEL LINK IN) can optionally attach to Rotel network enabled products with ROTEL LINK OUT connections. This allows the attached Rotel products to communicate with each other and be controlled via the Rotel Remote App (available for download on the iTunes® store).

EXT REM IN Jack 11

This 3.5mm mini-jack receives command codes from industry-standard infrared receivers via hard-wired connections. This feature could prove useful when the unit is installed in a cabinet and the front-panel sensor is blocked. Consult your authorized Rotel dealer for information on these external repeaters and the proper wiring of a jack to fit the mini-jack receptacle.

Computer I/O Connector 12

The RC-1570 can be controlled via RS232 for integration with automation systems. The COMPUTER I/O input accepts a standard straight DB-9 Male-to-Female cable.

For additional information on the connections, software, and operating codes for computer control of the RC-1570, contact your authorized Rotel dealer.

PC-USB Input 18

See Figure 5

Connect this input using the supplied USB cable to the PC-USB socket of your computer.

NOTE: *You may need to install the USB driver located on the CD supplied with the RC-1570 onto your computer to allow it to send audio to the RC-1570 via USB. Please see the included "PC-USB Windows Driver Instructions" for more detail.*

NOTE: *Upon successful installation of the driver, you may need to select the ROTEL audio driver from the audio/speaker setup of your computer.*

Settings Menu

You can access the settings menu from the front panel by pressing the MENU 8 button or the MENU D button on the remote. You can change the value of the selected option by pressing the +/- key on the front panel or LEFT/RIGHT E key on the remote. Step through the sub-menus by pressing the MENU 8 key on the front panel or MENU D button on the remote.

• Tone Control: TONE BYPASS ON/OFF, BASS level and TREBLE levels can be changed to desired settings. Press the ENTER key on the front panel or ENT on the remote to toggle between the tone setup options. (For more information on Tone Control refer to the Tone Control Bypass, Bass and Treble control sections)

NOTE: *These settings are stored permanently even after the RC-1570 is powered off.*

• BALANCE: Change left/right balance (For more information on Balance sections)

NOTE: *These settings are stored permanently even after the RC-1570 is powered off.*

• DIMMER: Dims the display in 7 steps.

NOTE: *These settings are stored permanently even after the RC-1570 is powered off.*

• ROTEL LINK RCD, selects how the CD player is connected to the amplifier, either CD (analog), COAX1 or COAX2. CD is the factory default.

• POWER ON MAX VOLUME: This sets the maximum volume level when the unit is turned ON. "45" is the factory default.

NOTE: *Power On Max Volume settings do not apply to sources configured with Fixed Gain.*

• Fixed Gain: Configures a Fixed Volume level for a specified input. To enable this feature press the +/- keys to select the desired fixed volume level for Aux 1, Coax 1, Coax 2, Optical 1, Optical 2, PC-USB or Bluetooth. When enabled and the input with a Fixed Volume is selected, the Volume level will immediately be set to the specified level.

Valid settings include: VARIABLE, FIXED 1-95, FIXED MAX.

NOTE: *The Volume knob on the front panel and Volume +/- keys on the IR remote are disabled when the volume is Fixed. To disable this feature set the Fixed Volume level to "Variable".*

• AUX1 VOL: VARIABLE (disabled) is factory default.

• COAX1 VOL: VARIABLE (disabled) is factory default.

• COAX2 VOL: VARIABLE (disabled) is factory default.

• OPT1 VOL: VARIABLE (disabled) is factory default.

• OPT2 VOL: VARIABLE (disabled) is factory default.

• PC-USB VOL: VARIABLE (disabled) is factory default.

• BLUETOOTH VOL: VARIABLE (disabled) is factory default.

• PC-USB AUDIO CLASS: Change supported PC-USB Audio Class of the attached device.

NOTE: *Some computers attached to the PC-USB do not support USB Audio Class 2.0 and do not support 24/192 audio playback. If needed the PC-USB can be configured for USB Audio Class 1.0. Please consult your computer operating system for details.*

• Software Version : This shows the current software version loaded into the amplifier.

• FACTORY DEFAULT: This sets the unit back to the original state as when it left the factory. Press the + key on the front panel or Right key on the remote control to select <YES> then press the "ENTER" key on the front panel or "ENT" on the remote control.

NOTE: *All previously configured options will be erased and reset to the factory default settings.*

Troubleshooting

Most difficulties in audio systems are the result of incorrect connections, or improper control settings. If you encounter problems, isolate the area of the difficulty, check the control settings, determine the cause of the fault and make the necessary changes. If you are unable to get sound from the RC-1570, refer to the suggestions for the following conditions:

Power Indicator Is Not Illuminated

The Power Indicator ring around the power button and the basic items in the Display window should be illuminated whenever the RC-1570 is plugged into the wall power outlet and the POWER switch is pushed in. If it does not light, test the power outlet with another electrical device, such as a lamp. Be sure the power outlet being used is not controlled by a switch that has been turned off.

Fuse Replacement

If another electrical device works when plugged into the power outlet, but the Power Indicator still will not light when the RC-1570 is plugged into the wall outlet, it indicates that the internal power fuse may have blown. If you believe this has happened, contact your authorized Rotel dealer to get the fuse replaced.

No Sound

Check the signal source to see if it is functioning properly. Make sure the cables from the signal source to the RC-1570 inputs are connected properly. Check all the wiring between the RC-1570 and the power amplifier, and the speakers.

Playable Audio Format

USB Apple (iPhone, iPod, iPad)

Format	Notes
Apple Lossless	Any supported file loaded to Apple device. Phone may resample depending on stored format. May exclude Apps designed to play formats not originally supported by the sending device.
MP3	
AAC	
AIFF	
WAV	

USB Bluetooth

Format	Notes
Any format supported by the sending device.	May exclude Apps designed to play formats not originally supported by the sending device.

USB Flash Drive

Format	Notes
MP3	48K 16 Bit Maximum
WMA	
WAV	
OGG Vorbis	
M4A/AAC	

PC-USB

Format	Notes
Format determined by the Media Player/ Server software that you use.	Any supported format by the PC software 44.1K, 48k, 88.2K, 96K, 176.4K, 192K 16 bit, 24 bit

Coax/Optical

Format	Notes
SPDIF LPCM	44.1K, 48k, 88.2K, 96K, 176.4K, 192K 16 bit, 24 bit

Cannot Connect via Bluetooth

If you cannot pair your Bluetooth enabled device to the RC-1570, delete the memory of the previous connection on the RC-1570 and on your device. On your device this is often listed as "Forget this Device". On the RC-1570 IR remote PRESS and HOLD the STOP Ⓜ button for 5 seconds until the front display shown “Reset BT DB List?” then release the button. Select <Yes> and press “ENT“. Then try to make the connection again.

Specifications

Total Harmonic Distortion *(20Hz-20kHz)*	< 0.004%
Intermodulation Distortion *(60 Hz : 7 kHz, 4:1)*	< 0.004% at 1V output
Input Sensitivity / Impedance	
Phono Input *(MM)*	2.5 mV / 47k ohms
Line Level Inputs *(RCA)*	150 mV / 24k ohms
Line Level Inputs *(XLR)*	300 mV / 50k ohms
Input Overload	
Phono Input	65 mV
Line Level Inputs	4.3 V
Output Level / Impedance	
Output *(RCA)*	1V / 100 ohms
Output *(XLR)*	2V / 100 ohms
Frequency Response:	
Phono Input	20 Hz-20k Hz, 0 ± 0.3 dB
Line Level Inputs	4 Hz-100k Hz, 0 ± 0.3 dB
Tone Controls	
Bass	±10 dB at 100Hz
Treble	±10 dB at 10kHz
Signal to Noise Ratio *(IHF "A" weighted)*	
Phono Input	80 dB
Line Level Inputs	110 dB

Digital Section	
Frequency Response	10Hz - 95k Hz (±3.0dB, Max)
Signal to Noise Ratio *(IHF "A" weighted)*	100 dB
Input Sensitivity/Impedance	0 dBfs / 75 ohms
USB/iPod Digital Signals	WAV, MP3, WMA (up to 48kHz 16 bit)
Coaxial/Optical Digital Signals	SPDIF LPCM (up to 192kHz 24 bit)
PC-USB	USB Audio Class 1 (up to 96kHz 24 bit) USB Audio Class 2 (up to 192kHz 24bit)* *Driver installation required
Power Requirements:	
USA:	120 Volts, 60 Hz
EC:	230 Volts, 50 Hz
Power Consumption	15 watts
Standby Power Consumption	< 0.5 watts
Dimensions *(W x H x D)*	431 x 99 x 320 mm (17 x 4 x 12 $^{5}/_{8}$ ins)
Front Panel Height	2U (88.1mm, 3 $^{1}/_{2}$ ins)
Weight *(net)*	7kg, 16 lbs.

All specifications are accurate at the time of printing.
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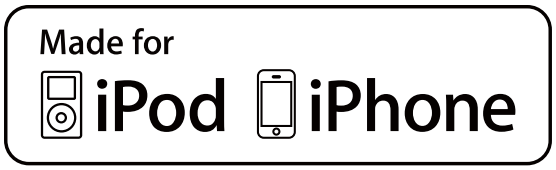

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